

03560.003396



IFW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-----------------------------|---|----------------------------|
| In re Application of: |) | |
| | : | Examiner: Unassigned |
| MAKOTO SHIOYA |) | |
| | : | Group Art Unit: Unassigned |
| Application No.: 10/714,640 |) | |
| | : | |
| Filed: November 18, 2003 |) | |
| | : | |
| For: RECORDING METHOD AND |) | May 24, 2004 |
| RECORDING APPARATUS | : | |
| CAPABLE OF REDUCING |) | |
| STREAKS AND UNEVENNESS IN | : | |
| IMAGE DENSITY |) | |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed Japanese documents are also enclosed.

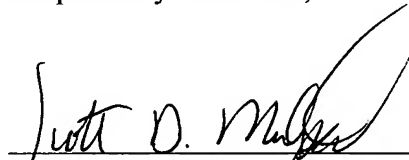
The concise explanations of relevance for the non-English documents are provided in the Description of the Related Art section of the specification. For the Examiner's additional information, U.S. Patent No. 4,999,640 corresponds to Japanese Document No. 3-231861.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,




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| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Submitted to the PTO: May 24, 2004 | | | | ATTY DOCKET NO. 03560.003396 | | APPLICATION NO. 10/714,640 | |
|  | | | | APPLICANT MAKOTO SHIOYA | | GROUP Unassigned | |
| | | | | FILING DATE November 18, 2003 | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 4,999,646 | 03/1991 | Trask | 346 | 11 | |
| | | 5,340,479 | 07/1995 | Takahama, et al. | 348 | 208 | |
| | | 5,650,803 | 07/1997 | Tamura, et al. | 347 | 15 | |
| | | 5,933,162 | 08/1999 | Shioya | 347 | 40 | |
| | | 6,217,142 | 04/2001 | Shioya, et al. | 347 | 15 | |
| | | 6,513,906 | 02/2003 | Tanaka, et al. | 347 | 41 | |
| | | 6,547,361 | 04/2003 | Suzuki, et al. | 347 | 19 | |
| | | 2003/0090537 | 05/2003 | Tanaka, et al. | 347 | 41 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | | 57-41965 | 03/1982 | Japan | | | Abstract |
| | | 2708439 | 10/1997 | Japan | | | Abstract |
| | | 2711011 | 10/1997 | Japan | | | Abstract |
| | | 60-107975 | 06/1985 | Japan | | | Abstract |
| | | 3-231861 | 10/1991 | Japan | | | Abstract |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.